

# WEST Search History

DATE: Thursday, July 31, 2003

## Set Name Query

side by side

## Hit Count Set Name

result set

*DB=USPT;PGPB; PLUR=YES; OP=OR*

L40	L39 and (laminin\$ same l22)	1	L40
L39	L38 and (unborn or fetus or fetal)	150	L39
L38	L37 and heterozyg\$	153	L38
L37	L35 and l25	175	L37
L36	L35 and l5	0	L36
L35	L33 and l23 and l24	176	L35
L34	L30 and l28	1	L34
L33	L30 and l27	228	L33
L32	L30 and l26	35	L32
L31	L30 and (l26 or l27 or l28)	239	L31
L30	L29 and l22	641	L30
L29	laminin	4500	L29
L28	cytosine\$ same insert\$	395	L28
L27	cytosine\$	13533	L27
L26	1368 or 1368ins\$ or 1368insc\$	5479	L26
L25	chromatograph\$	227359	L25
L24	diagnos\$	156759	L24
L23	horse or foal or stallion or equin\$	42163	L23
L22	(epidermis or bullosa or jeb)	10829	L22
L21	(chromatography\$ same heterozygous) and 6265168.pn.	1	L21
L20	L19	1	L20
L19	l2 and diagnos\$	1	L19
L18	L17	159	L18

*DB=USPT; PLUR=YES; OP=OR*

L17	(((436/15)!.CCLS.))	159	L17
L16	(((435/6)!.CCLS.))	10829	L16
L15	(((530/350)!.CCLS.))	7618	L15
L14	L13 or l10	9498	L14
L13	(((435/69.1)!.CCLS.))	8377	L13
L12	(((435.69.1)!.CCLS.))	0	L12
L11	(((435.69.1/ )!.CCLS.))	0	L11
L10	((536/22.1 )!.CCLS. )	1280	L10

L9	L8	0	L9
L8	tggtactcaggggatgagaa or ctgggggcagttattgcac	0	L8
L7	l3 and (unborn or fetus or fetal)	1	L7
L6	L5 same identif\$	9	L6
L5	chromatography\$ same heterozygous	19	L5
L4	L3 and chromatog\$	0	L4
L3	L2 and (epidermis\$ or bullosa\$)	1	L3
L2	5660982.pn.	1	L2
L1	contactin	58	L1

END OF SEARCH HISTORY

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\*

Welcome to DIALOG

Dialog level 02.18.00D

Last logoff: 31jul03 06:59:31

Logon file405 31jul03 07:09:03

\* \* \* \* See HELP NEWS 225 for information on new search prefixes  
and display codes

\*\*\*

\*\*\*

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help      /L = Logoff      /NOMENU = Command Mode

Enter an option number to view information or to connect to an online  
service. Enter a BEGIN command plus a file number to search a database  
(e.g., B1 for ERIC).

? b 410

31jul03 07:09:04 User268147 Session D124.1

\$0.00 0.156 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.00 Estimated cost this search

\$0.00 Estimated total session cost 0.156 DialUnits

File 410:Chronolog(R) 1981-2003/Aug

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Set Items Description

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? set hi %%%;set hi %%%

HIGHLIGHT set on as "

HIGHLIGHT set on as "

? b 5, 34, 155, 172

31jul03 07:09:08 User268147 Session D124.2

\$0.00 0.072 DialUnits File410

\$0.00 Estimated cost File410

\$0.01 TELNET

\$0.01 Estimated cost this search

\$0.01 Estimated total session cost 0.228 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2003/Jul W4

(c) 2003 BIOSIS

File 34:SciSearch(R) Cited Ref Sci 1990-2003/Jul W3

(c) 2003 Inst for Sci Info

File 155:MEDLINE(R) 1966-2003/Jul W4

(c) format only 2003 The Dialog Corp.

\*File 155: Medline has been reloaded and accession numbers have changed. Please see HELP NEWS 155.

File 172:EMBASE Alert 2003/Jul W4

(c) 2003 Elsevier Science B.V.

? type s8/full/all

8/9/1 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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05982782 Genuine Article#: XM195 Number of References: 34

Title: Predominance of the recurrent mutation R635X in the LAMB3 gene in European patients with Herlitz junctional epidermolysis bullosa has implications for mutation detection strategy

Author(s): Pulkkinen L; Meneguzzi G; McGrath JA; Xu Y; BlanchetBardon C; Ortonne JP; Christiano AM; Uitto J (REPRINT)

Corporate Source: THOMAS JEFFERSON UNIV,JEFFERSON MED COLL, DEPT DERMATOL & CUTANEOUS BIOL, 233 S 10TH ST/PHILADELPHIA/PA/19107 (REPRINT); THOMAS JEFFERSON UNIV,JEFFERSON MED COLL, DEPT DERMATOL & CUTANEOUS BIOL/PHILADELPHIA/PA/19107; KUOPIO UNIV HOSP,DIV DIAGNOST SERV, CHROMOSOME & DNA LAB/SF-70210 KUOPIO/FINLAND/; THOMAS JEFFERSON UNIV,JEFFERSON MED COLL, DEPT BIOCHEM & MOL PHARMACOL/PHILADELPHIA/PA/19107; THOMAS JEFFERSON UNIV,JEFFERSON INST MOL MED, MOL DERMATOL SECT/PHILADELPHIA/PA/19107; UNIV NICE,FAC MED, INSERM, U385/NICE//FRANCE/; HOP ST LOUIS,CLIN MALAD CUTANEEES/PARIS//FRANCE/; HOP ST LOUIS,UNITE RECH DIAGNOST ANTENATAL DERMATOL/PARIS//FRANCE/

Journal: JOURNAL OF INVESTIGATIVE DERMATOLOGY, 1997, V109, N2 (AUG), P 232-237

ISSN: 0022-202X Publication date: 19970800

Publisher: BLACKWELL SCIENCE INC, 350 MAIN ST, MALDEN, MA 02148

Language: English Document Type: ARTICLE

Geographic Location: USA; FINLAND; FRANCE

Subfile: CC LIFE--Current Contents, Life Sciences; CC CLIN--Current Contents, Clinical Medicine

Journal Subject Category: DERMATOLOGY & VENEREAL DISEASES

Abstract: Junctional forms of epidermolysis bullosa (JEB) are

characterized by tissue separation at the level of the lamina lucida,

We have recently disclosed specific mutations in the LAMA3, LAMB3, and LAMC2 genes encoding the subunit polypeptides of the anchoring filament

protein laminin 5 in 66 families with different variants of JEB,

Examination of the JEB mutation database revealed recurrence of a

particular C-->T substitution at nucleotide position 1903 (exon 14) of

LAMB3, resulting in the mutation R635X. The inheritance of this nonsense mutation was noted on different genetic backgrounds, suggesting that R635X is a hotspot mutation. In this study, we have performed mutation evaluation in a European cohort of 14 families with the lethal, Herlitz type of JEB (H-JEB). The families were first screened for the presence of the R635X mutation by restriction enzyme digestion of the PCR product corresponding to exon 14. Four of the probands were found to be homozygous and six were heterozygous for R635X. The remaining alleles were subjected to mutation screening by PCR amplification of individual exons of LAMB3 and LAMC2, followed by heteroduplex analysis and nucleotide sequencing. In three families (six alleles), mutations in LAMC2 were disclosed. In the remaining eight alleles, additional pathogenetic LAMB3 mutations were found. None of the patients had LAMC2 mutation. Thus, LAMB3 mutations accounted for 22 of 28 JEB alleles (79%), and a total of 14 of 22 LAMB3 alleles (64%) harbored the R635X mutation, signifying its prevalence as a predominant genetic lesion underlying H-JEB in this European cohort of patients. This recurrent mutation will facilitate screening of additional JEB patients for the purpose of prenatal testing of fetuses at risk for recurrence.

Descriptors—Autho

? s s7 and cytosineds

267 S7

0 CYTOSINEDS

S9 0 S7 AND CYTOSINEDS

? s s7 and 1368?

267 S7

698 1368?

S10 3 S7 AND 1368?

? type s10/full/all

10/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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13909810 BIOSIS NO.: 200200538631

Animal models for skin blistering conditions: Absence of laminin 5 causes hereditary junctional mechanobullous disease in the Belgian horse.

AUTHOR: Spirito Flavia; Charlesworth Alexandra; Linder

Keith; Ortonne Jean-Paul; Baird John; Meneguzzi Guerrino(a

AUTHOR ADDRESS: (a)INSERM U385, UFR de Medecine, Avenue de Valombrose, 06107, Nice Cedex 2\*\*France E-Mail: meneguzz@unice.fr

JOURNAL: Journal of Investigative Dermatology 119 (3):p684-691 September, 2002

MEDIUM: print

ISSN: 0022-202X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**ABSTRACT:** Recent achievements in the genetic correction of keratinocytes isolated from patients with junctional epidermolysis bullosa have paved the way to a gene therapy approach for the disease. Because gene therapy protocols require preclinical validation in animals, we have characterized spontaneous animal models of junctional epidermolysis bullosa. In this study we have elucidated the genetic basis of the hereditary junctional mechanobullous disease in the Belgian horse, a condition characterized by blistering of the skin and mouth epithelia, and exungulation (loss of the hoof). Immunofluorescence analysis associated the condition to the absent expression of the gamma2 chain of laminin 5 and designated Lame2 as the candidate gene. Comparative

analysis of the nucleotide sequence of the full-length gamma2 cDNA isolated by reverse transcription polymerase chain reaction amplification of total RNA purified from the epithelium of a junctional epidermolysis bullosa foal and a healthy control disclosed a homozygous basepair insertion (1368insC) in the affected animal. Mutation 1368insC results in a downstream premature termination codon and is predicted to cause absent expression of the laminin gamma2 polypeptide. Our results also show that: (i) the horse junctional epidermolysis bullosa genetically corresponds to the severe Herlitz form of junctional epidermolysis bullosa in man; (ii) the amino acid sequence and structure of the horse laminin gamma2 chain are virtually identical to the human counterpart; (iii) the moderate eruption of skin blisters in the affected animals with respect to the human Herlitz junctional epidermolysis bullosa patients correlates with the protection provided by hair. Our observations suggest that the affected foals are a convenient source of epithelial cells from tissues that cannot be obtained from human junctional epidermolysis bullosa patients, and imply that hairless strains of animals with recessive skin disorders would be the best models for in vivo gene therapy approaches to skin blistering diseases.

10/9/2 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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11111016 Genuine Article#: 592RV Number of References: 52

Title: Animal models for skin blistering conditions: Absence of laminin 5 causes hereditary junctional mechanobullous disease in the Belgian horse

Author(s): Spirito F (REPRINT) ; Charlesworth A; Linder K; Ortonne JP; Baird J; Meneguzzi G

Corporate Source: Fac Med,INSERM U385, UFR Med,Ave Valombrose/F-06107 Nice 2//France/ (REPRINT); Fac Med,INSERM U385, UFR Med,F-06107 Nice 2//France/; Univ Guelph,Ontario Vet Coll, Dept Pathobiol,Guelph/ON N1G 2W1/Canada/; Univ Guelph,Ontario Vet Coll, Dept Clin Studies,Guelph/ON N1G 2W1/Canada/

Journal: JOURNAL OF INVESTIGATIVE DERMATOLOGY, 2002, V119, N3 (SEP), P 684-691

ISSN: 0022-202X Publication date: 20020900

Publisher: BLACKWELL PUBLISHING INC, 350 MAIN ST, MALDEN, MA 02148 USA

Language: English Document Type: ARTICLE

Geographic Location: France; Canada

Journal Subject Category: DERMATOLOGY & VENEREAL DISEASES

Abstract: Recent achievements in the genetic correction of keratinocytes isolated from patients with junctional epidermolysis bullosa have paved the way to a gene therapy approach for the disease. Because gene therapy protocols require preclinical validation in animals, we have characterized spontaneous animal models of junctional epidermolysis bullosa. In this study we have elucidated the genetic basis of the hereditary junctional mechanobullous disease in the Belgian horse, a condition characterized by blistering of the skin and mouth epithelia, and exungulation (loss of the hoof): Immunofluorescence analysis associated the condition to the absent expression of the gamma2 chain of laminin 5 and designated *Lamc2* as the candidate gene. Comparative analysis of the nucleotide sequence of the full-length gamma2 cDNA isolated by reverse transcription polymerase chain reaction amplification of total RNA purified from the epithelium of a junctional epidermolysis bullosa foal and a healthy control disclosed a homozygous basepair insertion (1368insC) in the

affected animal. Mutation 1368insC results in a downstream premature termination codon and is predicted to cause absent expression of the laminin gamma2 polypeptide. Our results also show that: (i) the horse junctional epidermolysis bullosa genetically corresponds to the severe Herlitz form of junctional epidermolysis bullosa in man; (ii) the amino acid sequence and structure of the horse laminin gamma2 chain are virtually identical to the human counterpart; (iii) the moderate eruption of skin blisters in the affected animals with respect to the human Herlitz junctional epidermolysis bullosa patients correlates with the protection provided by hair. Our observations suggest that the affected foals are a convenient source of epithelial cells from tissues that cannot be obtained from human junctional epidermolysis bullosa patients, and imply that hairless strains of animals with recessive skin disorders would be the best models for in vivo gene therapy approaches to skin blistering diseases.

Descriptors--Author Keywords: epitheliogenesis imperfecta ; genodermatosis ; Lamc2

10/9/3 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

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10188137 22218275 PMID: 12230513

Animal models for skin blistering conditions: absence of laminin 5 causes hereditary junctional mechanobullous disease in the Belgian horse.

Spirito Flavia; Charlesworth Alexandra; Linder Keith;

Ortonne Jean-Paul; Baird John; Meneguzzi Guerrino

INSERM U385, Faculte de Medecine, Nice, France.

Journal of investigative dermatology (United States) Sep 2002, 119

(3) p684-91, ISSN 0022-202X Journal Code: 0426720

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

Subfile: INDEX MEDICUS

Recent achievements in the genetic correction of keratinocytes isolated from patients with junctional epidermolysis bullosa have paved the way to a gene therapy approach for the disease. Because gene therapy protocols require preclinical validation in animals, we have characterized spontaneous animal models of junctional epidermolysis bullosa. In this study we have elucidated the genetic basis of the hereditary junctional mechanobullous disease in the Belgian horse, a condition characterized by blistering of the skin and mouth epithelia, and exungulation (loss of the hoof). Immunofluorescence analysis associated the condition to the absent expression of the gamma2 chain of laminin 5 and designated Lamc2 as the candidate gene. Comparative analysis of the nucleotide sequence of the full-length gamma2 cDNA isolated by reverse transcription polymerase chain reaction amplification of total RNA purified from the epithelium of a junctional epidermolysis bullosa foal and a healthy control disclosed a homozygous basepair insertion (1368insC) in the affected animal. Mutation 1368insC results in a downstream premature termination codon and is predicted to cause absent expression of the laminin gamma2 polypeptide. Our results also show that: (i) the horse junctional epidermolysis bullosa genetically corresponds to the severe Herlitz form of junctional epidermolysis bullosa in man; (ii) the amino acid sequence and structure of the horse laminin gamma2 chain are virtually identical to the human counterpart; (iii) the moderate eruption of skin blisters in the affected animals with respect to the human Herlitz junctional epidermolysis bullosa patients correlates with the protection provided by hair. Our observations suggest that the affected

foals are a convenient source of epithelial cells from tissues that cannot be obtained from human junctional epidermolysis bullosa patients, and imply that hairless strains of animals with recessive skin disorders would be the best models for in vivo gene therapy approaches to skin blistering diseases.

Tags: Animal; Human; Support, Non-U.S. Gov't

Descriptors: Cell Adhesion Molecules--genetics--GE; \*Disease Models, Animal; \*Epidermolysis Bullosa, Junctional--genetics--GE; \*Epidermolysis Bullosa, Junctional--physiopathology--PP; \*Horses; Blister--genetics--GE; Blister--physiopathology--PP; DNA, Complementary; Epithelium--pathology--PA; Genotype; Joints--pathology--PA; Laminin--genetics--GE; Molecular Sequence Data; Pedigree; Point Mutation; Sequence Homology, Amino Acid

CAS Registry No.: 0 (Cell Adhesion Molecules); 0 (DNA, Complementary); 0 (Laminin); 0 (kalinin); 0 (laminin gamma 2)

Record Date Created: 20020916

Record Date Completed: 20021010

? s 1368insc?

S11 3 1368INSC?

? ds

Set	Items	Description
S1	77	AU='BAIRD JOHN' OR AU='BAIRD JOHN A' OR AU='BAIRD JOHN B' - OR AU='BAIRD JOHN C' OR AU='BAIRD JOHN D' OR AU='BAIRD JOHN P' OR AU='BAIRD JOHN S' OR AU='BAIRD JOHN-PAUL' OR AU='BAIRD JP' OR AU='BAIRD JR' OR AU='BAIRD JS' OR AU='BAIRD JW'
S2	51	AU='LINDER KD' OR AU='LINDER KE' OR AU='LINDER KEITH' OR AU='LINDER KEITH E' OR AU='LINDER KH' OR AU='LINDER KJ' OR AU='LINDER KK'
S3	370	AU='MENEGUZZI G' OR AU='MENEGUZZI GUERINO' OR AU='MENEGUZZI GUERRINO' OR AU='MENEGUZZI GUERTINO'
S4	121	AU='SPIRITO F' OR AU='SPIRITO F R' OR AU='SPIRITO FLAVIA' - OR AU='SPIRITO FR'
S5	129	AU='CHARLESWORTH A' OR AU='CHARLESWORTH A T' OR AU='CHARLESWORTH ALEXANDRA'
S6	712	S1 OR S2 OR S3 OR S4 OR S5
S7	267	S6 AND (EPIDERMIS? OR BULLOSA? OR CYTOSINE? OR LAMININ?)
S8	1	S7 AND CYTOSINE
S9	0	S7 AND CYTOSINEDS
S10	3	S7 AND 1368?
S11	3	1368INSC?
? s 1368c?		
S12	0	1368C?



## WEST Search History

DATE: Thursday, July 31, 2003

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=USPT; PLUR=YES; OP=OR*

L8	tgttactcaggggatgagaa or ctgggggcagttattgcac	0	L8
L7	l3 and (unborn or fetus or fetal)	1	L7
L6	L5 same identif\$	9	L6
L5	chromatography\$ same heterozygous	19	L5
L4	L3 and chromatog\$	0	L4
L3	L2 and (epidermis\$ or bullosa\$)	1	L3
L2	5660982.pn.	1	L2
L1	contactin	58	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1653lxm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 Feb 24 PCTGEN now available on STN  
NEWS 4 Feb 24 TEMA now available on STN  
NEWS 5 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 6 Feb 26 PCTFULL now contains images  
NEWS 7 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results  
NEWS 8 Mar 24 PATDPAFULL now available on STN  
NEWS 9 Mar 24 Additional information for trade-named substances without  
structures available in REGISTRY  
NEWS 10 Apr 11 Display formats in DGENE enhanced  
NEWS 11 Apr 14 MEDLINE Reload  
NEWS 12 Apr 17 Polymer searching in REGISTRY enhanced  
NEWS 13 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS  
NEWS 14 Apr 21 New current-awareness alert (SDI) frequency in  
WPIDS/WPINDEX/WPIX  
NEWS 15 Apr 28 RDISCLOSURE now available on STN  
NEWS 16 May 05 Pharmacokinetic information and systematic chemical names  
added to PHAR  
NEWS 17 May 15 MEDLINE file segment of TOXCENTER reloaded  
NEWS 18 May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated  
NEWS 19 May 19 Simultaneous left and right truncation added to WSCA  
NEWS 20 May 19 RAPRA enhanced with new search field, simultaneous left and  
right truncation  
NEWS 21 Jun 06 Simultaneous left and right truncation added to CBNB  
NEWS 22 Jun 06 PASCAL enhanced with additional data  
NEWS 23 Jun 20 2003 edition of the FSTA Thesaurus is now available  
NEWS 24 Jun 25 HSDB has been reloaded  
NEWS 25 Jul 16 Data from 1960-1976 added to RDISCLOSURE  
NEWS 26 Jul 21 Identification of STN records implemented  
NEWS 27 Jul 21 Polymer class term count added to REGISTRY  
NEWS 28 Jul 22 INPADOC: Basic index (/BI) enhanced; Simultaneous Left and  
Right Truncation available

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 07:55:02 ON 31 JUL 2003

=> file registry  
COST IN U.S. DOLLARS                      SINCE FILE    TOTAL  
   ENTRY    SESSION  
FULL ESTIMATED COST                      0.21    0.21

FILE 'REGISTRY' ENTERED AT 07:55:11 ON 31 JUL 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 29 JUL 2003 HIGHEST RN 557055-78-4  
DICTIONARY FILE UPDATES: 29 JUL 2003 HIGHEST RN 557055-78-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>  
<-----User Break----->

=> s tgttactcaggggatgagaa or ctgggggcagttattgcac  
      0 TGT TACTCAGGGGATGAGAA  
      0 CTGGGGGCAGTTATTGCAC  
L1     0 TGT TACTCAGGGGATGAGAA OR CTGGGGGCAGTTATTGCAC

=> s tgttactcaggggatgagaa/sqep or ctgggggcagttattgcac/sqep  
      0 TGT TACTCAGGGGATGAGAA/SQEP  
      252832 SQL=20  
      0 TGT TACTCAGGGGATGAGAA/SQEP  
      (TGT TACTCAGGGGATGAGAA/SQEP AND SQL=20)  
      0 CTGGGGGCAGTTATTGCAC/SQEP  
      71864 SQL=19  
      0 CTGGGGGCAGTTATTGCAC/SQEP  
      (CTGGGGGCAGTTATTGCAC/SQEP AND SQL=19)  
L2     0 TGT TACTCAGGGGATGAGAA/SQEP OR CTGGGGGCAGTTATTGCAC/SQEP

=> s tgttactcaggggatgagaa/sqsp or ctgggggcagttattgcac/sqsp  
      0 TGT TACTCAGGGGATGAGAA/SQSP  
      0 CTGGGGGCAGTTATTGCAC/SQSP  
L3     0 TGT TACTCAGGGGATGAGAA/SQSP OR CTGGGGGCAGTTATTGCAC/SQSP

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\*

Welcome to DIALOG

Dialog level 02.18.00D

Last logoff: 30jul03 16:07:59

Logon file405 31jul03 06:58:37

\*\*\* ANNOUNCEMENT \*\*\*

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--File 654 - US published applications from March 15, 2001 to the present are now online. Please see HELP NEWS 654 for details.

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--File 581 - The 2003 annual reload of Population Demographics is complete. Please see Help News581 for details.

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--File 990 - NewsRoom now contains February 2003 to current records.  
File 992 - NewsRoom 2003 archive has been newly created and contains records from January 2003. The oldest months's records roll out of File 990 and into File 992 on the first weekend of each month.  
To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new OneSearch category.

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--Connect Time joins DialUnits as pricing options on Dialog.  
See HELP CONNECT for information.

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--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

\*\*\*

--Important news for public and academic libraries. See HELP LIBRARY for more information.

\*\*\*

--Important Notice to Freelance Authors--  
See HELP FREELANCE for more information

\*\*\*

NEW FILES RELEASED

\*\*\*World News Connection (File 985)

\*\*\*Dialog NewsRoom - 2003 Archive (File 992)

\*\*\*TRADEMARKSCAN-Czech Republic (File 680)

\*\*\*TRADEMARKSCAN-Hungary (File 681)

\*\*\*TRADEMARKSCAN-Poland (File 682)

\*\*\*

UPDATING RESUMED

\*\*\*

RELOADED

\*\*\*Population Demographics -(File 581)

\*\*\*CLAIMS Citation (Files 220-222)

REMOVED

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>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<

\*\*\*\*

\* \* \* \* See HELP NEWS 225 for information on new search prefixes  
and display codes

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SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help      /L = Logoff      /NOMENU = Command Mode

Enter an option number to view information or to connect to an online  
service. Enter a BEGIN command plus a file number to search a database  
(e.g., B1 for ERIC).

? b 410

31jul03 06:58:38 User268147 Session D123.1

\$0.00 0.160 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.00 Estimated cost this search

\$0.00 Estimated total session cost 0.160 DialUnits

File 410:Chronolog(R) 1981-2003/Aug

(c) 2003 The Dialog Corporation

Set Items Description

? set hi %%%;set hi %%%

HIGHLIGHT set on as "

HIGHLIGHT set on as "

? b 5, 34, 155, 172

31jul03 06:58:42 User268147 Session D123.2

\$0.00 0.073 DialUnits File410

\$0.00 Estimated cost File410

\$0.01 TELNET

\$0.01 Estimated cost this search

\$0.01 Estimated total session cost 0.233 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2003/Jul W4

(c) 2003 BIOSIS

File 34:SciSearch(R) Cited Ref Sci 1990-2003/Jul W3

(c) 2003 Inst for Sci Info

File 155:MEDLINE(R) 1966-2003/Jul W4

(c) format only 2003 The Dialog Corp.

\*File 155: Medline has been reloaded and accession numbers have changed. Please see HELP NEWS 155.

File 172:EMBASE Alert 2003/Jul W4

(c) 2003 Elsevier Science B.V.

Set Items Description

? s TGTTACTCAGGGGATGAGAA OR CTGGGGGCAGTTATTGCAC  
0 TGTTACTCAGGGGATGAGAA  
0 CTGGGGGCAGTTATTGCAC  
S1 0 TGTTACTCAGGGGATGAGAA OR CTGGGGGCAGTTATTGCAC  
? s TGTTACTCAGGGGATGAGAA? OR CTGGGGGCAGTTATTGCAC?  
0 TGTTACTCAGGGGATGAGAA?  
0 CTGGGGGCAGTTATTGCAC?  
S2 0 TGTTACTCAGGGGATGAGAA? OR CTGGGGGCAGTTATTGCAC?  
? ds

Set Items Description

S1 0 TGTTACTCAGGGGATGAGAA OR CTGGGGGCAGTTATTGCAC  
S2 0 TGTTACTCAGGGGATGAGAA? OR CTGGGGGCAGTTATTGCAC?